

PTO/SB/C8A (C3-03)

Approved for use through 07/31/2006. OMB C651-C031

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | Complete if Known | |
| | Application Number | 10/603,878 |
| | Filing Date | 06-24-2003 |
| | First Named Inventor | HINER ET AL. |
| | Art Unit | 2841 |
| | Examiner Name | Unknown C.J. Arbes |
| Sheet 1 of 2 | Attorney Docket Number | W2K2070 |

| U. S. PATENT DOCUMENTS | | | | | |
|------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| CJA | | US- 6,365,975 | 04-02-2002 | DiStefona et al. | |
| CJA | | US- 6,239,485 | 05-29-2001 | Peters et al. | |
| CJA | | US- 6,081,036 | 06-27-2000 | Hirano et al. | |
| CJA | | US- 5,774,340 | 06-30-1998 | Chang et al. | |
| CJA | | US- 5,508,938 | 04-16-1996 | Wheeler | |
| CJA | | US- 5,404,044 | 04-04-1995 | Booth et al. | |
| CJA | | US- 5,239,448 | 08-24-1993 | Perkins et al. | |
| CJA | | US- 5,229,550 | 07-20-1993 | Birdra et al. | |
| CJA | | US- 5,191,174 | 03-02-1993 | Chang et al. | |
| CJA | | US- 5,072,075 | 12-10-1991 | Lee et al. | |
| CJA | | US- 5,021,047 | 06-04-1991 | Movem | |
| CJA | | US- 4,811,082 | 03-07-1989 | Jacobs et al. | |
| CJA | | US- 4,685,033 | 08-04-1987 | Inone | |
| CJA | | US- 4,322,778 | 03-30-1982 | Barbour et al. | |
| CJA | | US- 6,204,453 | 03-2001 | Fallon et al. | |
| CJA | | US- 6,351,031 | 02-2002 | Iijima et al. | |
| CJA | | US- 6,175,087 | 01-2001 | Keesler et al. | |
| CJA | | US- 6,608,757 | 08-2003 | Bhatt et al. | |
| CJA | | US- 5,847,453 | 12-1998 | Uematsu et al | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|--------------------------------|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ *Number ⁴ *Kind Code ⁵ (if known) | | | | |
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| Examiner Signature | C.J. Arbes | Date Considered | 1/17/06 |
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| Sheet | 2 | of | 2 |
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|------------------------|----------------------|
| Application Number | 10/603,878 |
| Filing Date | 06-24-2003 |
| First Named Inventor | HINER ET AL. |
| Art Unit | 2841 |
| Examiner Name | Jonathan C. J. Arbes |
| Attorney Docket Number | W2K2070 |

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

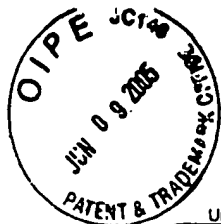
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| Examiner Signature | <i>C. J. Arbes</i> | Date Considered | 1/17/06 |
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Sheet 1

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|------------------------|----------------|
| Application Number | 10/603,878 |
| Filing Date | 06-24-2003 |
| First Named Inventor | HINER et al. |
| Art Unit | 3729 |
| Examiner Name | Arbes, Carl J. |
| Attorney Docket Number | W2K2070 |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| CJC | | US 6,815,709 | Nov. 9, 2004 | Clothier et al. | |
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FOREIGN PATENT DOCUMENTS

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C. J. Arbes

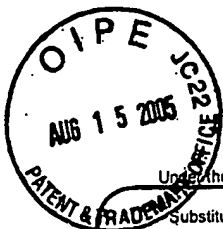
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7/17/06

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| Filing Date | 06-24-2003 |
| First Named Inventor | HINER et al. |
| Art Unit | 3729 |
| Examiner Name | Arbes, Carl J. |
| Attorney Docket Number | W2K2070 |

Sheet 1 of 1

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| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| CJA | | US- 4,642,160 | 02-10-1987 | Burgess, Larry W. | |
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FOREIGN PATENT DOCUMENTS

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| Application Number | 10/603,878 |
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| Filing Date | 06-24-2003 |
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| First Named Inventor | HINER ET AL. |
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| Group Art Unit | 3729 |
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| Examiner Name | C. J. Arbes |
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| Attorney Docket Number | W2K2070 |
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